



# 110 MLD Surface Water Treatment Plant

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## Daily Water Quality Report of Laboratory

Date of Testing: 15-09-2024

Test No: 1894

Weather: Rain

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water	
						Sampling Time: 10:05 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:30 AM	Sampling Time: 11:40 AM	Sampling Time: 11:50 AM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.5	26.4	26	26.1	
2	pH		day	6.5-8.5				7.9	7.7	7.8	7.7	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	200	51.3	51.1	1.98	0.87	0.21	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			237	37	15	12	
5	Suspended Solid	mg/L	day	...				133	33	33	2	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Alkalinity	mg/L	Once a week	...	H2SO4 Titration							96
8	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric	100						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					30
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	127.3	120.1					125.1
Remark:												